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Date: February 19, 1998

Atty's Reg. #19,805

JOHN O MACHILLAN

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

:

APPLICANT

SAMUEL ROSE, M.D.

SERIAL NO.

08/782,590

FILED

January 13, 1997

FOR

A METHOD AND COMPOSITION FOR TREATING CANCER BY CONVERTING SOLUBLE RADIOACTIVE TOXIC AGENTS INTO INSOLUBLE RADIOACTIVE TOXIC PRECIPITATES VIA THE ACTION OF NON-MAMMALIAN ENZYMES BOUND TO THE NON-ENDOCYTOSING RECEPTORS OF

TARGET CELLS

EXAMINER

Susan Ungar, Ph.D.

Group Art Unit

1806

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Assistant Commissioner of Patents Washington, D.C. 20231 ATTN: Susan Ungar, Ph.D.

LETTER

SIR:

This letter is in further response to the Office Action, mailed May 23, 1997, and the Office Action, mailed November 21, 1997, and in response to the

telephone conference with the Examiner on February 18, 1997.

ID: 25992189

In the Amendment filed on September 23, 1997, the Applicant provisionally elected with traverse species of the invention designated by the Examiner on Group XIV in response to the Requirements of Election of Species in each of the Sections of the Action as set forth below:

Section 33 - provisionally elected with traverse (e) indoxyl compounds having positions 1-7;

Section 34 - no election was required since species (b) of Section 33 was not elected;

Section 35 - provisionally elected with traverse species (a) containing compounds attached to position 3 (claim 76);

Section 36 - provisionally elected with traverse species (c) indoxylglycosides of claim 76, noting that claim 76 was amended to recite indoxyl-lactam;

By inadvertence, an election of species in Sections 37-43 of the Action was not made by the Applicant in the Amendment, dated September 23, 1997.

In response to the Requirement of Election of Species in Sections 37-43 of the Action, the Applicant elects as follows:

Section 37 - no election of species required since species (b) claims 77-81, was <u>not</u> elected in Section 35;

Further as to Section 37 - no election of species (a)-(d) required since indoxyl compounds at position 3 had been elected in Section 35 for claim 76;

Section 38 - provisionally elects with traverse the species (a) phenyl compounds attached at p sition 5 (claim 15);

Section 39 - provisionally elects with traverse the species (a) a first antigenic epitope;

Section 40 - provisionally elects with traverse the species (a) inherently cell impermeant (claim 70);

Section 41 - provisionally elects the species (a) thiol, of claim 72;

Section 42 - provisionally elects with traverse the species (a) inherently soluble (claim 73); and

Section 43 - provisionally elects the species (a) converted into a soluble intermediate molecule... (claim 74).

The Requirement of an Election of Species in each of Sections 37-43 as discussed above, is hereby respectfully traversed for the reasons set forth in the Amendment, dated on September 23, 1997, beginning in the fifth complete paragraph on page 19 of the Amendment and extending through page 23 of the Amendment.

The provisional election of the invention of Group XIV with traverse in response to the Requirement of Restriction to one of the inventions identified by the Examiner as Groups I-XV was made and traversed in the Amendment, dated September 23, 1997 for the reasons set forth in the Remarks of the Amendment of September 23, 1997, beginning on page 19 thereof.

Favorable action is solicited.

Respectfully submitted,

Dated: February 19, 1998

John Q. McQuillan Red. No. 19,805